

Title (en)

IMAGE CODING METHOD, TRANSMISSION METHOD AND IMAGE CODING DEVICE

Title (de)

BILDCODIERUNGSVERFAHREN, ÜBERTRAGUNGSVERFAHREN UND BILDCODIERUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE CODAGE D'IMAGE, PROCÉDÉ DE TRANSMISSION ET DISPOSITIF DE CODAGE D'IMAGE

Publication

**EP 3531700 A4 20191106 (EN)**

Application

**EP 17862358 A 20171011**

Priority

- JP 2016204533 A 20161018
- JP 2017036745 W 20171011

Abstract (en)

[origin: EP3531700A1] Provided is an image encoding method which inhibits deterioration in processing performance for encoding while improving transmission efficiency. The image encoding method is for generating a bitstream by encoding a picture, and includes: sequentially encoding blocks included in the picture; deriving an encoding amount of a slice segment each time one of the blocks is encoded as a current block, the slice segment including the current block; determining whether the encoding amount derived is at least a threshold; and setting end information indicating an end of the slice segment in a position in the bitstream when the encoding amount is determined to be at least the threshold, the position corresponding to the current block encoded.

IPC 8 full level

**H04N 19/463** (2014.01); **H04N 19/119** (2014.01); **H04N 19/146** (2014.01); **H04N 19/15** (2014.01); **H04N 19/169** (2014.01); **H04N 19/174** (2014.01)

CPC (source: EP US)

**H04N 19/119** (2014.11 - EP US); **H04N 19/146** (2014.11 - US); **H04N 19/15** (2014.11 - EP US); **H04N 19/174** (2014.11 - EP US); **H04N 19/176** (2014.11 - US); **H04N 19/188** (2014.11 - EP US)

Citation (search report)

- [XAY] WO 03041326 A2 20030515 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
- [YDA] JP 2009038746 A 20090219 - PANASONIC CORP
- [XAI] US 9313514 B2 20160412 - MISRA KIRAN [US], et al
- [YA] SCHIERL T ET AL: "Dependent slices support in HEVC main profile", 10. JCT-VC MEETING; 101. MPEG MEETING; 11-7-2012 - 20-7-2012; STOCKHOLM; (JOINT COLLABORATIVE TEAM ON VIDEO CODING OF ISO/IEC JTC1/SC29/WG11 AND ITU-T SG.16 ); URL: HTTP://WFPT3.ITU.INT/AV-ARCH/JCTVC-SITE/, no. JCTVC-J0264, 2 July 2012 (2012-07-02), XP030112626
- [XA] HADIZADEH H ET AL: "NAL-SIM: An Interactive Simulator for H.264/AVC Video Coding and Transmission", CONSUMER COMMUNICATIONS AND NETWORKING CONFERENCE (CCNC), 2010 7TH IEEE, IEEE, PISCATAWAY, NJ, USA, 9 January 2010 (2010-01-09), pages 1 - 2, XP031642840, ISBN: 978-1-4244-5175-3
- See references of WO 2018074291A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3531700 A1 20190828**; **EP 3531700 A4 20191106**; **EP 3531700 B1 20220406**; JP 6767691 B2 20201014; JP WO2018074291 A1 20190718; US 11297329 B2 20220405; US 2019238855 A1 20190801; WO 2018074291 A1 20180426

DOCDB simple family (application)

**EP 17862358 A 20171011**; JP 2017036745 W 20171011; JP 2018546266 A 20171011; US 201916382919 A 20190412